

Amendments to the Claims

1-7. (Canceled)

8. (Currently amended) ~~The method of claim 1,~~ A method of treating a disorder associated with a specific area in a brain comprising:

implanting a stimulating device in contact with an intralaminar nuclei of the brain;
sensing activity in the specific area of the brain wherein the sensing activity occurs at a location
distal from the device location; and

operating the device to modulate the intralaminar nuclei in response to said activity to
thereby affect the disorder associated with the specific area of the brain;

wherein the stimulation occurs continuously.

9-30. (Canceled)